



TRANSMITTAL FORM (To be used for all correspondence after initial filing)	Application Number	10/622,182
	Filing Date	July 16, 2003
	First Named Inventor	Jeffrey Van Ness
	Art Unit	1645
	Examiner Name	
	Attorney Docket No.	780068.416D1

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> 6 Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Individual Name	Qing Lin, Ph.D. Reg. No. 53,937	Customer Number 00500
Signature		
Date	January 23, 2004	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Lawrence Teague	
Signature		Date: January 23, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
1449401



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 23, 2004
Date

Lawrence Teague
Lawrence Teague

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Jeffrey Van Ness et al.
Application No. : 10/622,182
Filed : July 16, 2003
For : METHODS AND COMPOSITIONS FOR DETERMINING THE
SEQUENCE OF NUCLEIC ACID MOLECULES

Art Unit : 1645
Docket No. : 780068.416D1
Date : January 23, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. This application is a divisional and relies, under 35 U.S.C. § 120, on the earlier filing date of prior application USAN 09/855,999, filed May 14, 2001; which is a continuation of USAN 08/898,180, filed July 22, 1997; which is a continuation-in-part of USAN 08/786,835, filed January 22, 1997. The references listed on pages 2-9 of the attached forms PTO-1449 were submitted to and/or cited by the Office in these prior applications and, therefore, are not required

to be provided in the present application. If the Examiner wishes copies will be provided upon request. However, the six references listed on page 1 of the attached forms PTO-1449 were not previously submitted to and/or cited by the Office, and copies are enclosed herewith.


As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



Qing Lin, Ph.D.

Registration No. 53,937

QXL:ljt

Enclosures:

Postcard

Transmittal Form

Form PTO-1449 (9 Sheets)

Cited References (6)

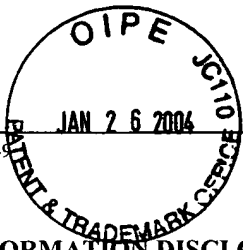
701 Fifth Avenue, Suite 6300

Seattle, Washington 98104-7092

Phone: (206) 622-4900

Fax: (206) 682-6031

\449398



FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 780068.416D1	APPLICATION NO. 10/622,182
		APPLICANTS Jeffrey Van Ness et al.	
		FILING DATE July 16, 2003	GROUP ART UNIT 1645

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,683,202	07/28/87	Mullis	435	91	
	AB	5,003,059	03/26/91	Brennan	536	27	
	AC	5,436,130	07/25/95	Mathies et al.	435	6	
	AD	6,312,893	11/06/01	Van Ness et al.	435	6	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

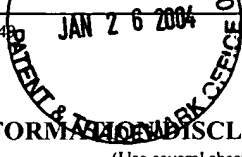
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	EP 351138 B1	03/08/95	EPO		
	AL					
	AM					
	AN					
	AO					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	Toren, P.C. et al., "Determination of Impurities in Nucleoside 3'-Phosphoramidites by Fast Atom Bombardment Mass Spectrometry," <i>Analytical Biochemistry</i> 152(2): 291-294, February 1986.
	AQ	
	AR	

EXAMINER**DATE CONSIDERED**

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 780068.416D1	APPLICATION NO. 10/622,182
INFORMATIONAL DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS Jeffrey Van Ness et al.	
			FILING DATE July 16, 2003	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4,650,750	03/17/87	Giese	435	7	
	BB	4,709,016	11/24/87	Giese	530	389	
	BC	4,762,779	08/09/88	Snitman	435	6	
	BD	4,775,619	10/04/88	Urdea	435	6	
	BE	4,942,124	07/17/90	Church	435	6	
	BF	4,962,020	10/09/90	Tabor et al.	435	6	
	BG	4,965,349	10/23/90	Woo et al.	536	27	
	BH	4,994,372	02/19/91	Tabor et al.	435	6	
	BI	4,997,928	03/05/91	Hobbs, Jr.	536	27	
	BJ	5,118,605	06/02/92	Urdea	435	6	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BK	CA 2062454 A1	09/08/92	Canada		
	BL	EP 127 154 A2	12/05/84	EPO		
	BM	EP 251 786 A2	01/07/88	EPO		
	BN	EP 300 730 A1	01/25/89	EPO		
	BO	EP 360 940 A2	04/04/90	EPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BP	Aebersold et al., "Design, synthesis, and characterization of a protein sequencing reagent yielding amino acid derivatives with enhanced detectability by mass spectrometry," <i>Protein Science</i> 1(4):494-503, April 1992.
	BQ	Amankwa and Kuhr, "Trypsin-Modified Fused-Silica Capillary Microreactor for Peptide Mapping by Capillary Zone Electrophoresis," <i>Anal. Chem.</i> 64:1610-1613, 1992.
	BR	Baldwin et al., "Synthesis of a Small Molecule Combinatorial Library Encoded with Molecular Tags," <i>J. Am. Chem. Soc.</i> 117:5588-5589, 1995. (+Supplementary Material, 21 pages)

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-149 (REV. 7-80)	JAN 26 2004	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 780068.416D1	APPLICATION NO. 10/622,182
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS Jeffrey Van Ness et al.	
			FILING DATE July 16, 2003	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	5,135,870	08/04/92	Williams et al.	436	173	
	CB	5,149,625	09/22/92	Church et al.	435	6	
	CC	5,262,536	11/16/93	Hobbs, Jr.	546	25	
	CD	5,266,466	11/30/93	Tabor et al.	435	91.5	
	CE	5,288,644	02/22/94	Beavis et al.	436	94	
	CF	5,290,925	03/01/94	Fino	536	25.32	
	CG	5,292,873	03/08/94	Rokita et al.	536	24.3	
	CH	5,302,509	04/12/94	Cheeseman	435	6	
	CI	5,324,631	06/28/94	Helentjaris et al.	435	6	
	CJ	5,346,670	09/13/94	Renzoni et al.	422	52	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CK	EP 401 821 A1	12/12/90	EPO		
	CL	EP 502 595 A2	09/09/92	EPO		
	CM	EP 514 927 A1	11/25/92	EPO		
	CN	EP 539 343 A1	04/28/93	EPO		
	CO	EP 639 647 A2	02/22/95	EPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CP	Borchardt and Still, "Synthetic Receptor Binding Elucidated with an Encoded Combinatorial Library," <i>J. Am. Chem. Soc.</i> 116:373-374, 1994.
CQ	Brown et al., "A single-bead decode strategy using electrospray ionization mass spectrometry and a new photolabile linker: 3-Amino-3-(2-nitrophenyl)propionic acid," <i>Molecular Diversity</i> 1:4-12, 1995.
CR	Ching et al., "Polymers as Surface-Based Tethers with Photolytic Triggers Enabling Laser-Induced Release/Desorption of Covalently Bound Molecules," <i>Bioconjugated Chemistry</i> 7(5):525-528, 1996.

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80) INFORMATION DISCLOSURE STATEMENT <small>(Use multiple sheets if necessary)</small>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 780068.416D1	APPLICATION NO. 10/622,182
	APPLICANTS Jeffrey Van Ness et al.		
	FILING DATE July 16, 2003	GROUP ART UNIT 1645	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA	5,360,819	11/01/94	Giese	514	538	
	DB	5,403,708	04/04/95	Brennan et al.	435	6	
	DC	5,409,811	04/25/95	Tabor et al.	435	6	
	DD	5,451,463	09/19/95	Nelson et al.	428	402	
	DE	5,516,931	05/14/96	Giese et al.	560	59	
	DF	5,547,835	08/20/96	Köster	435	6	
	DG	5,602,273	02/11/97	Giese et al.	560	60	
	DH	5,604,097	02/18/97	Brenner	435	6	
	DI	5,604,104	02/18/97	Giese et al.	435	7.1	
	DJ	5,610,020	03/11/97	Giese et al.	435	7.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	DK	EP 711 362 B1	05/15/96	EPO		
	DL	JP 06-289018	10/18/94	JPO (+WPI Abstract No. 95-001707)		
	DM	WO 89/12694	12/28/89	WIPO		
	DN	WO 90/13666	11/15/90	WIPO		
	DO	WO 92/02528	02/20/92	WIPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DP	Ching et al., "Surface Chemistries Enabling Photoinduced Uncoupling/Desorption of Covalently Tethered Biomolecules," <i>J. Org. Chem.</i> 61(11):3582-3583, May 31, 1996.
	DQ	Church and Kieffer-Higgins, "Multiplex DNA Sequencing," <i>Science</i> 240:185-188, 1988.
	DR	Church et al., "New Technologies For Genome Sequencing and Analysis," in <i>DOE Human Genome Program Contractor-Grantee Workshop V</i> , Sante Fe, New Mexico, January 28-February 1, 1996, available NTIS, CONF-960143, 1996, p. 51.

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)	JAN 26 2004	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 780068.416D1	APPLICATION NO. 10/622,182
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS Jeffrey Van Ness et al.	
			FILING DATE July 16, 2003	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA	5,622,824	04/22/97	Köster	435	6	
	EB	5,635,400	06/03/97	Brenner	435	320.1	
	EC	5,650,270	07/22/97	Giese et al.	435	6	
	ED	5,654,413	08/05/97	Brenner	536	22.1	
	EE	5,674,716	10/07/97	Tabor et al.	435	91.1	
	EF	5,691,141	11/25/97	Köster	435	6	
	EG	5,695,934	12/09/97	Brenner	435	6	
	EH	5,700,921	12/23/97	Westling et al.	536	22.1	
	EI	5,728,526	03/17/98	George, Jr. et al.	435	6	
	EJ	5,763,175	06/09/98	Brenner	435	6	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	EK	WO 92/02638	02/20/92	WIPO		
	EL	WO 92/10587	06/25/92	WIPO		
	EM	WO 93/20233	10/14/93	WIPO		
	EN	WO 93/20236	10/14/93	WIPO		
	EO	WO 93/21340	10/28/93	WIPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	EP	Cobb and Novotny, "High-sensitivity peptide mapping by capillary zone electrophoresis and microcolumn liquid chromatography, using immobilized trypsin for protein digestion," <i>Anal. Chem.</i> 61:2226-2231, 1989.
	EQ	Colombo, "Liquid-phase synthesis of naturally occurring peptides, II. Syntheses of three mast cell degranulating tetradecapeptide amides from wasp venoms," <i>Hoppe Seylers Z. Physiol. Chem.</i> 362(10):1393-1403, October 1981.
	ER	Covey et al., "The determination of protein, oligonucleotide and peptide molecular weights by ion-spray mass spectrometry," <i>Rapid Commun. Mass. Spectrom.</i> 2(11):249-256 November 1988.

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-147 (REV. 7-80) INFORMATIONAL DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 780068.416D1	APPLICATION NO. 10/622,182
	APPLICANTS Jeffrey Van Ness et al.		
	FILING DATE July 16, 2003	GROUP ART UNIT 1645	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA	5,821,058	10/13/98	Smith et al.	435	6	
	FB	5,851,765	12/22/98	Köster	435	6	
	FC	5,856,097	01/05/99	Pinkel et al.	435	6	
	FD	5,863,722	01/26/99	Brenner	435	6	
	FE	5,872,003	02/16/99	Köster	435	283.1	
	FF	5,908,745	06/01/99	Mirzabekov et al.	435	6	
	FG	5,952,654	09/14/99	Giese	250	288	
	FH	5,962,223	10/05/99	Whiteley et al.	435	6	
	FI	6,013,431	01/11/00	Söderlund et al.	435	5	
	FJ	6,027,890	02/22/00	Ness et al.	435	6	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	FK	WO 94/08051	04/14/94	WIPO		
	FL	WO 94/16101	07/21/94	WIPO		
	FM	WO 94/21822	09/29/94	WIPO		
	FN	WO 94/28418	12/08/94	WIPO		
	FO	WO 95/04160	02/09/95	WIPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	FP	Geysen et al., "Isotope or mass encoding of combinatorial libraries," <i>Chemistry & Biology</i> 3(8):679-688, 1996.
	FQ	Giese et al., "Electrophore Mass Labels For TOF-MS DNA Sequencing," in <i>Proceedings of the 44th ASMS Conference on Mass Spectrometry and Allied Topics</i> , Portland, Oregon, May 12-16, 1996, p. 673.
	FR	Giese, "Electrophoric release tags: ultrasensitive molecular labels providing multiplicity," <i>Trends in Analytical Chemistry</i> 2(7):166-168, 1983.

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).	

FORM PTO-1449 (REV. 7-80)	JAN 26 2004	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 780068.416D1	APPLICATION NO. 10/622,182
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS Jeffrey Van Ness et al.	
			FILING DATE July 16, 2003	GROUP ART UNIT 1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	GA	6,033,909	03/07/00	Uhlmann et al.	435	375	
	GB	6,087,095	07/11/00	Rosenthal et al.	435	6	
	GC	6,087,186	07/11/00	Cargill et al.	436	518	
	GD						

FOREIGN PATENT DOCUMENTS

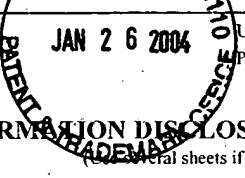
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	GE	WO 95/06752	03/09/95	WIPO		
	GF	WO 95/11961	05/04/95	WIPO		
	GG	WO 95/14108	05/26/95	WIPO		
	GH	WO 95/25737	09/28/95	WIPO		
	GI	WO 95/28640	10/26/95	WIPO		
	GJ	WO 96/00378	01/04/96	WIPO		
	GK	WO 96/22966	08/01/96	WIPO		
	GL					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	GM	Greenberg and Gilmore, "Cleavage of Oligonucleotides from Solid-Phase Supports Using <i>o</i> -Nitrobenzyl Photochemistry," <i>J. Org. Chem.</i> 59:746-753, 1994.
	GN	Greenberg, "Photochemical Cleavage of Oligonucleotides From Solid Phase Supports," <i>Tetrahedron Letters</i> 34(2):251-254, 1993.
	GO	Hignite, "Nucleic Acids and Derivatives," in <i>Biochemical Applications of Mass Spectrometry, First Supplementary Volume</i> , Waller et al., (eds.), John Wiley & Sons, New York, 1981, pp.527-566.
	GP	Holmes and Jones, "Reagents for Combinatorial Organic Synthesis: Development of New <i>o</i> -Nitrobenzyl Photolabile Linker for Solid Phase Synthesis," <i>J. Org. Chem.</i> 60:2318-2319, 1995. (+Supplementary Material, 7 pages)
	GQ	Jacobson et al., "Applications of Mass Spectrometry to DNA Sequencing," <i>Genetic Analysis Techniques and Applications</i> 8(8):223-229, 1991.

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)		 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 780068.416D1		APPLICATION NO. 10/622,182	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Jeffrey Van Ness et al.			
				FILING DATE July 16, 2003		GROUP ART UNIT 1645	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	HA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	HB						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	HC	Jane et al., "High-Performance Liquid Chromatographic Analysis of Basic Drugs on Silica Columns Using Non-Aqueous Ionic Eluents," <i>J. Chromatography</i> 323:191-225, 1985.					
	HD	Kremsky et al., "Immobilization of DNA via oligonucleotides containing an aldehyde or carboxylic acid group at the 5' terminus," <i>Nucleic Acids Research</i> 15(7):2891-2909, 1987.					
	HE	Little et al., "Rapid Sequencing of Oligonucleotides by High-Resolution Mass Spectrometry," <i>J. Am. Chem. Soc.</i> 116:4893-4897, 1994.					
	HF	Lloyd-Williams et al., "Convergent Solid-Phase Peptide Synthesis," <i>Tetrahedron</i> 49(48):11065-11133, 1993.					
	HG	Musch et al., "Expert System for Pharmaceutical Analysis. I. Selection of the Detection System in High-Performance Liquid Chromatographic Analysis: UV Versus Amperometric Detection," <i>J. Chromatography</i> 348:97-110, 1985.					
	HH	Nashabeh and El Rassi, "Enzymophoresis of nucleic acids by tandem capillary enzyme reactor-capillary zone electrophoresis," <i>J. Chromatography</i> 596:251-264, 1992.					
	HI	Nestler et al., "A General Method for Molecular Tagging of Encoded Combinatorial Chemistry Libraries," <i>J. Org. Chem.</i> 59:4723-4724, 1994.					
	HJ	Ordoukhanian and Taylor, "Design and Synthesis of a Versatile Photocleavable DNA Building Block. Application to Phototriggered Hybridization," <i>J. Am. Chem. Soc.</i> 117:9570-9571, 1995.					
	HK	Rich and Gurwara, "Preparation of a New <i>o</i> -Nitrobenzyl Resin for Solid-Phase Synthesis of <i>tert</i> -Butyloxycarbonyl-Protected Peptide Acids," <i>J. Am. Chem. Soc.</i> 97:1575-1579, 1975.					
	HL	Rock and Chan, "Synthesis and Photolysis Properties of a Photolabile Linker Based on 3'-Methoxybenzoin," <i>J. Org. Chem.</i> 61:1526-1529, 1996.					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant(s).							

FORM PTO-1449
(REV. 7-80)

JAN 26 2004

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
780068.416D1APPLICATION NO.
10/622,182

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Jeffrey Van Ness et al.

FILING DATE

July 16, 2003

GROUP ART UNIT

1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
IA						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
IB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IC	Sanger et al., "DNA sequencing with chain-terminating inhibitors," <i>PNAS USA</i> 74(12):5463-5467, December 1977.
ID	Senter et al., "Novel Photocleavable Protein Crosslinking Reagents and Their Use in the Preparation of Antibody-Toxin Conjugates," <i>Photochemistry and Photobiology</i> 42(3):231-237, 1985.
IE	Sumer et al., "Factors Determining Relative Sensitivity of Analytes in Positive Mode Atmospheric Pressure Ionization Mass Spectrometry," <i>Anal. Chem.</i> 60:1300-1307, 1988.
IF	Teague, "Facile Synthesis of a <i>o</i> -Nitrobenzyl Photolabile Linker for Combinatorial Chemistry," <i>Tetrahedron Letters</i> 37(32):5751-5754, 1996.
IG	Thiele and Fahrenholz, "Photocleavable Biotinylated Ligands for Affinity Chromatography," <i>Analytical Biochemistry</i> 218:330-337, 1994.
IH	V.N. Rajasekharan Pillai, "Photoremovable Protecting Groups in Organic Synthesis," <i>Synthesis</i> 1:1-26, 1980.
II	Valaskovic et al., "Attomole-Sensitivity Electrospray Source for Large-Molecule Mass Spectrometry," <i>Anal. Chem.</i> 67:3802-3805, 1995.
IJ	Voivodov et al., "Surface Arrays of Energy Absorbing Polymers Enabling Covalent Attachment of Biomolecules for Subsequent Laser-Induced Uncoupling/Desorption," <i>Tetrahedron Letters</i> 37(32):5669-5672, 1996.
IK	Yoo and Greenberg, "Synthesis of Oligonucleotides Containing 3'-Alkyl Carboxylic Acids using Universal, Photolabile Solid Phase Synthesis Supports," <i>J. Org. Chem.</i> 60:3358-3364, 1995.
IL	Zablocki et al., "Potent <i>in Vitro</i> and <i>in Vivo</i> Inhibitors of Platelet Aggregation Based Upon the Arg-Gly-Asp Sequence of Fibrinogen. (Aminobenzamidino)succinyl (ABAS) Series of Orally Active Fibrinogen Receptor Antagonists," <i>J. Med. Chem.</i> 38:2378-2394, 1995.

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).